

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>100 365</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP 00/ 09528</b>	International filing date (day/month/year) <b>28/09/2000</b>	(Earliest) Priority Date (day/month/year) <b>28/09/1999</b>
Applicant <b>MERITOR AUTOMOTIVE GMBH et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

3

☐ None of the figures.

## B x III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Hollow-interior vehicle door consisting of an internal in its entirety essentially pot-shaped or pan-shaped stiffening structure, and of at least one external outer panel element being essentially lid-shaped and supported by the essentially pot-shaped or pan-shaped stiffening structure, such as a door skin, as well as of functional parts for practicing the door functions, and of optionally an inner panel element, in which the essentially pot-shaped or pan-shaped stiffening structure serves to accommodate functional parts of the vehicle door.

The essentially pot-shaped or pan-shaped stiffening structure is divided into two parts, in fact, into a first frame-shaped stiffening element (12) for supporting the outer panel element (outer panel 10) and into a second essentially pot-shaped or pan-shaped stiffening element (14) for supporting functional parts of the vehicle door (1) and that the two stiffening elements (12 and 14) have, in the area of the outward-pointing, thus in Y-direction pointing, side walls of the door interior (1A), elongated, preferably frame-shaped connecting surfaces (18 and 18') which define the access opening (1B) to the door interior (1A).

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/09528

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B60J5/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60J B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	FR 2 794 711 A (RENAULT) 15 December 2000 (2000-12-15) page 4, line 22 -page 10, line 9; figures ---	1,2
A,P	EP 0 983 890 A (AISIN SEIKI KABUSHIKI KAISHA) 8 March 2000 (2000-03-08) column 3, line 48 -column 5, line 40; figures ---	1,8
A	EP 0 483 895 A (FIAT AUTO) 6 May 1992 (1992-05-06) column 2, line 1 - line 41; figures ---	1
A	US 5 822 927 A (HELLENKAMP) 20 October 1998 (1998-10-20) abstract; figures ---	1
-/--		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

15 January 2001

Date of mailing of the international search report

25/01/2001

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/09528

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 4 416 088 A (FEUCHT)  22 November 1983 (1983-11-22)  abstract; figures</p> <p>-----</p>	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/09528

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
FR 2794711	A	15-12-2000	WO	0076796 A	21-12-2000
EP 983890	A	08-03-2000	JP	2000073637 A	07-03-2000
EP 483895	A	06-05-1992	IT	1243819 B	28-06-1994
			DE	69101366 D	14-04-1994
			DE	69101366 T	23-06-1994
			ES	2050029 T	01-05-1994
			US	5233790 A	10-08-1993
US 5822927	A	20-10-1998	DE	4321282 A	05-01-1995
			AT	152678 T	15-05-1997
			DE	59402639 D	12-06-1997
			EP	0630775 A	28-12-1994
			ES	2104231 T	01-10-1997
US 4416088	A	22-11-1983	DE	3004897 A	27-08-1981